Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 2026

Comparing the therapeutic efficacy of oral azithromycin plus Narrow Band Ultraviolet B (NBUVB) with oral azithromycin alone in the treatment of moderate to sever inflammatory facial acne vulgaris

Protocol summary

Summary
To compare therapeutic efficacy of oral azithromycin plus Narrow Band Ultraviolet B (NBUVB) with oral azithromycin alone in the treatment of moderate to sever inflammatory facial acne vulgaris. Inclusion criteria: 15-35 Years old patient with moderate to sever inflammatory vulgaris. Exclusion criteria: 1-Pregnancy and breastfeeding; 2-History of topical and systemic anti acne treatment from 1 month ego; 3-Photosensitivity. 94 cases were randomly assigned to two groups: group 1, systemic azithromycin 500 mg every other day and group 2, systemic azithromycin 500 mg every other day plus NBUVB 1200 mj/sec two times weekly for one month. We compared the improvement rate of inflammatory acne lesions totally and differentially between two groups.

General information

Acronym
IRCT registration information
IRCT registration number: **IRCT201112288550N1**
Registration date: **2012-02-04, 1390/11/15**
Registration timing: **retrospective**

Last update:
Update count: **0**
Registration date
2012-02-04, 1390/11/15

Registrant information
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Recruitment status
Recruitment complete
Funding source
Ahvaz Jundishapur University of Medical Sciences

Expected recruitment start date
2010-03-20, 1388/12/29
Expected recruitment end date
2011-11-24, 1390/09/03
Actual recruitment start date
empty
Actual recruitment end date
empty
Trial completion date
empty

Scientific title
Comparing the therapeutic efficacy of oral azithromycin plus Narrow Band Ultraviolet B (NBUVB) with oral azithromycin alone in the treatment of moderate to sever inflammatory facial acne vulgaris

Public title
Narrow Band Ultraviolet (NBUVB) effect on the treatment of inflammatory acne
Purpose
Treatment
Inclusion/Exclusion criteria
Inclusion criteria: Mail and female patent with moderate to sever inflammatory vulgaris. Exclusion criteria: 1-Pregnancy and breastfeeding; 2-History of topical and systemic anti acne treatment from 1 month ego; 3-Photosensitivity.
Age
From **15 years** old to **35 years** old

Gender
Both

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **94**
Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ahvaz Jundishapur University of Medical Sciences
Street address
Ahvaz Jundishapur University of Medical Sciences
City
Ahvaz
Postal code
61335-4156
Approval date
2011-02-21, 1389/12/02
Ethics committee reference number
ETH054

Health conditions studied

1

Description of health condition studied
Acne vulgaris
ICD-10 code
L70.0
ICD-10 code description
Acne vulgaris

Primary outcomes

1

Description
inflammatory acne lesions (totally and differentially)
Timepoint
1 month
Method of measurement
lesion count

Secondary outcomes

1

Description
patient's satisfaction of treatment
Timepoint
1 month
Method of measurement
Patient idea

Intervention groups

1

Description
Group 2: systemic azithromycin 500 mg every other day and NBUVB 1200 mj/sec two timesd weekly for one month.
Category
Treatment - Devices

2

Description
Group 1: systemic azithromycin 500 mg every other day.
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Emam khomeiny hospital
Full name of responsible person
Dr Esmaeil Rafiee, resident of dermatology
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Ahvaz Jundishapur University of Medical Sciences
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Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Ahvaz Jundishapur University of Medical Sciences
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Dr Mostafa Feghhi
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City
Ahvaz
Grant name
Grant code / Reference number

Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Ahvaz Jundishapur University of Medical Sciences
Proportion provided by this source
100
Public or private sector
empty
Domestic or foreign origin
empty
Category of foreign source of funding
empty
Country of origin
Type of organization providing the funding
empty

Person responsible for general inquiries

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Web page address

Person responsible for updating data

Contact

Sharing plan

Deidentified Individual Participant Data Set (IPD)
empty
Study Protocol
empty
Statistical Analysis Plan
empty
Informed Consent Form
empty
Clinical Study Report
empty
Analytic Code
empty
Data Dictionary
empty